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Receipt #41

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Preston Jett; Lawrence E. Larson; Bret A. Pollack; and,  
David A. Rowe  
Serial Number: 10/055,007  
Filed: January 23, 2002  
Group Art Unit: 2631  
Examiner: not yet assigned  
Attorney Docket No.: 4042 DIV  
For: Baseband Signal Converter for a Wideband Impulse  
Radio Receiver

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Applicants hereby request that a corrected Official Filing Receipt be issued in the above-identified application. The Official Filing Receipt, received by Applicants, a marked-up, corrected copy of which is attached hereto, has errors with respect to the Filing Date and Continuing Data as Claimed by Applicants.

I. Filing Date

Applicants filed the above-identified Application via Express Mail under 37 C.F.R. § 1.10 on January 23, 2002. A copy of the letter transmitting the patent application dated January 23, 2002, including a certification of Express Mail deposit stamped January 23, 2002 are enclosed. Additionally, a copy of the stamped, Express Mail receipt dated January 23, 2002 is enclosed.

The Official Filing Receipt incorrectly lists the filing date as January 22, 2002. Applicants request that this date be changed to January 23, 2002.

Additionally, Applicants request that all pertinent USPTO records relating to the instant Application be changed to reflect the correct filing date.

II. Domestic Priority Data as Claimed by Applicants

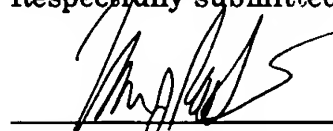
The Official Filing Receipt does not indicate the continuing data as claimed by Applicants. A copy of the cover letter and page 1 of the specification claiming priority under 35 U.S.C. 119 (e) of Utility Application No. 09/356,384 entitled "Baseband Signal Converter for a Wideband Impulse Radio Receiver" is attached. Applicants request that the continuing data be included to reflect the following: -- benefit of co-pending U.S. Application Serial No. 09/356,384 filed on 7/16/1999 --

Additionally, Applicants request that all pertinent USPTO records relating to the instant Application be changed to reflect the priority data.

No fee is required for this Request.

The Commissioner is authorized to charge any additional fees or credit any overpayment coincident to this Request to Deposit Account 23-0035.

Respectfully submitted,



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Mark J. Patterson  
Registration No. 30,412  
Wadley & Patterson  
A Professional Corporation  
Attorney for Applicant  
Customer No. 23456



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Certificate of First Class Mailing

I hereby certify that this Request to Correct Filing Receipt, including a copy of the Official Filing Receipt, is being deposited with the United States Postal Service under 37 C.F.R. §1.10 on the date indicated below and is addressed to:

Assistant Commissioner for Patents  
Washington, DC 20231

Date: April 22, 2002

  
\_\_\_\_\_  
Mark J. Patterson



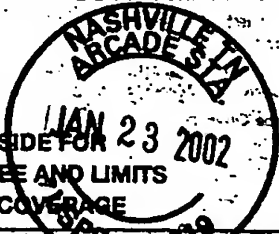
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Intellectual Property Law

**Waddey & Patterson, P.C.**

Patents • Trademarks • Enforcement

January 23, 2002

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, DC 20231

EL867936767US

VIA EXPRESS MAIL LABEL NUMBER EL867936767US  
CUSTOMER NO.: 23456  
ATTORNEY DOCKET NO.: 4042 DIV

Dear Sir:

Enclosed for filing are the following:

1. Original utility patent application for the invention by Preston Jett, et al of a "Baseband Signal Converter for a Wideband Impulse Radio Receiver" which includes:
  - a. specification (27 pages);
  - b. 8 pages of drawings;
  - c. declaration and power of attorney of the inventors
2. Self-addressed return post card.

**Small Entity Status**

Applicant claims small entity status under 37 C.F.R. 1.27.

**Claim of Priority**

Applicant claims priority under 35 U.S.C. 119 (e) of Utility Application No. 09/356,384 filed on July 16, 1999 entitled "Baseband Signal Converter for a Wideband Impulse Radio Receiver."

Very truly yours,

**WADDEY & PATTERSON**

Mark J. Patterson  
Registration Number 30,412

MJP/dlr  
Enclosures

Commissioner for Patents  
January 23, 2002  
Page 2



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"EXPRESS MAIL" mailing label number:

EL867936767US

Date of deposit:

January 23, 2002

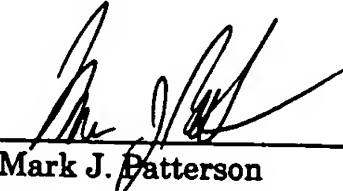
I hereby certify that this correspondence, including the following:

1. Original utility patent application for the invention by Preston Jett, et al of a "Baseband Signal Converter for a Wideband Impulse Radio Receiver" which includes:
  - a. specification;
  - b. 8 pages of drawings;
  - c. declaration and power of attorney of the inventors
2. Self-addressed return post card.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, DC 20231

Date: 1/23/02

  
Mark J. Patterson



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FILE FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/055,007	01/22/2002	2631	0.00	4042 DIV	8	7	2

Waddey & Patterson, P.C.  
Bank of America Plaza, Suite 2020  
414 Union Street  
Nashville, TN 37219

CONFIRMATION NO. 7568

## FILING RECEIPT



\*OC000000007485895\*

Date Mailed: 02/15/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Preston Jett, Huntsville, AL;  
Lawrence E. Larson, Del Mar, CA;  
Bret A. Pollack, Redondo Beach, CA;  
David A. Rowe, Torrance, CA;4/22/04 12  
1/22/03 1  
DOCKET DATE: 1/22/03  
ASSIGNED BY: [Signature]  
DOCKETED BY: [Signature]  
DATE: 3/11/03

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 02/15/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

Title

Baseband signal converter for a wideband impulse radio receiver

Preliminary Class

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375

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).





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## APPLICATION FOR UNITED STATES LETTERS PATENT

Be it known that we, Preston Jett, a citizen of United States, residing at 1312 Brookmeade, Huntsville, Alabama 35816; Lawrence E. Larson, a citizen of United States, residing at 13771 Mercado Drive, Del Mar, California 92014; Bret A. Pollack, a citizen of United States, residing at 1721 Aviation Boulevard, Apartment 47, Redondo Beach, California 90278; David A. Rowe, a citizen of United States, residing at 5309 Asteria Street, Torrance, California 90503; have invented a new and useful "Baseband Signal Converter for a Wideband Impulse Radio Receiver".

This application claims benefit of co-pending U.S. Application Serial No. 09/356,384 filed July 16, 1999, entitled "Baseband Signal Converter for a Wideband Impulse Radio Receiver", the disclosure of which is hereby incorporated by reference.

### BACKGROUND OF THE INVENTION

The present invention relates generally to radio receivers adapted to receive and process wideband impulse radio signals. More particularly, this invention pertains to devices and circuits for accurately converting in an impulse radio receiver a series of time-modulated radio pulses into a baseband signal.

There is a continuing need for the development of advanced wireless devices for communications of voice and data, for materials measurement, navigation, environmental sensing, radar, security and numerous other civilian and military applications of radio technology. Improvements are needed in the underlying technology to provide greater reliability, greater accuracy, lower power